109.5 - Perfluorinated and Polyfluorinated Alkyl Substances (PFAS)

The table below has the following abbreviations for the Perfluorinated and Polyfluorinated Alkyl Substances:

Perfluordecanoic acid (PFDA) Perfluorobutane sulfonate (PFBS) Perfluorobutanoic acid (PFBA) Perfluorododecanoic acid (PFDoA) Perfluoroheptanoic acid (PFHpA) Perfluorohexane sulfonate (PFHxS) Perfluorohexanoic acid (PFHxA) Perfluorononanoic acid (PFNA) Perfluorooctane sulfonamide (PFOSA) Perfluorooctane sulfonate (PFOS) Perfluorooctanoic acid (PFOA) Perfluoropentanoic acid (PFPeA) Perfluorotetradecanoic acid (PFTA) Perfluorotridecanoic acid (PFTriA) Perfluoroundecanoic acid (PFUnA)

PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

SRM	1946	1947	1957	1958	2585	2586	2781	8446	8447
Description						Trace Elements in Soil Containing Lead From Paint (Nominal Mass Fraction of 500 mg/kg Lead)		Perfluorinated Carboxylic Acids and Perfluorooctane Sulfonamide in Methanol	Perfluorinated Sulfonic Acids in Methanol
	Lake Superior Fish Tissue	Lake Michigan Fish Tissue	Organic Contaminants in Non-Fortified Human Serum (Freeze-Dried)	Organic Contaminants in Fortified Human Serum (Freeze-Dried)	Organic Contaminants in House Dust		Domestic Sludge		
Unit Size	(5 x 7-9 grams)	(5 x 8 grams)	(5 vials x 10.7 mL)	(5 vials x 10.7 mL)	(10 g)	(55 g)	(40 g)	(4 x 1.2 mL)	(3 x 1.2 mL)

Concentrations are expressed as mass fractions, µg/kg (unless noted by an asterisk * for mg/kg)

	1946	1947	1957	1958	2585	2586	2781	8446	8447
PFBA					230			43*	
PFBS									42.3*
PFDA		(0.26)	0.39					58.1*	
PFDoA					34.6			59.5*	
PFHpA			0.305		249		7.96	76*	
PFHxA					260		13	59.1*	
PFHxS			4.00	2.66	1440		9.39		55.2*
PFNA		(0.2)	0.878	0.66	99.4			63*	
PFOA			5.00	4.11			28.5	54.8*	
PFOS	2.19	(5.9)	21.1	16.6	2310	3.41	225		56.6*
PFOSA							6.31	66.9*	
PFPeA								60.9*	
PFTA								58*	
PFTriA		(0.2)			29.4			62.9*	
PFUnA		(0.28)	0.172					62.8*	

- Certified values are normal font
- Reference values are italicized
- Values in parentheses are for information only